

**To:** Albright, David[Albright.David@epa.gov]  
**From:** Coffman, Joel  
**Sent:** Tue 5/31/2016 1:19:47 PM  
**Subject:** FW: Badger Creek UIC  
[33800012 UIC application 11-11-15.pdf](#)

**From:** Matt Stikes [mailto:mwsclimbs@yahoo.com]  
**Sent:** Friday, May 27, 2016 4:52 PM  
**To:** Coffman, Joel <Coffman.Joel@epa.gov>  
**Cc:** Adam Rogge <arogge@camsops.com>; Gary Brierley <gbrierley@envirotechteam.com>; Joe Selgrath <selgrath@envirotechteam.com>  
**Subject:** Badger Creek UIC

Joel,

The Badger Creek cogen disposal well is located in the Kern Front oil field in NE/4 of section 23, T28S-R27E, MDB&M, API No. 029-86511. This was drilled and completed in 1990 when the plant was constructed. They had drilled to crystalline basement rock at greater than 6,000' but eventually ended up using the Santa Margarita zone at 2,500' which was understood to be an exempt zone at the time.

They have a deadline to exit the zone by December 31, 2016 and had the solution to proceed downhole to the next large sand, the Olcese zone which was DST sampled at drilling and resulted in a 15,800 mg/L TDS. A DOGGR UIC Class II project modification was submitted in November 2015 to accomplish the well recompletion. However, another issue arose regarding the cogen steam sharing status and the applicability of Class II injection. We have been advised by DOGGR that any power plant that is not currently steam sharing with an oil field, must switch status to EPA UIC Class I.

As we discussed, there are some pressing deadlines to provide time for EPA review and necessary public notice periods. I've attached the text portion of the recent UIC project modification application. The UIC project file, under DOGGR number 33800012, will be shared after I setup a dropbox due to large file size. At that point I can add the remainder of the figures and appendices from the November 2015 submittal for your review.

We are interested in discussing the suitability of the project as well as the additional data, figures, etc. that will be needed for the Class I application.

I'll be sending another message regarding a nearby plant in the Kern River oil field, Live Oak Limited.

Thanks for your assistance and best regards,

Matt Stikes, PG

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